

Remarks on Nos. 12, 13

It may be noted that Rao [1937, *Proc. Indian Acad. Sci.*, B (6)], described *longicrus* (p. 414) and *montanus* (p. 415) from Karnataka but both these specific names are pre-occupied by *P. longicrus* (Boulenger, 1894) and *P. montanus* (Taylor, 1920). However, as the type material of Rao (op. cit.) deposited in the Central College, Bangalore are

reported to have been lost and as the type localities of Boulenger's (op. cit.) and Taylor's (op. cit.) are in Philippines, it is difficult to ascertain whether the Indian specimens belong to the same species as those from Philippines. It is also impossible provide a new name for Rao's (op. cit.) species at this stage till topotypes could be collected and compared with the Philippine material.

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S. K. CHANDA
A. K. GHOSH

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21. A NOTE ON THE MORPHOMETRY OF *RHACOPHORUS MALABARICUS*, THE MALABAR GLIDING FROG

On June, 1987, I had an opportunity to go to Goa for collecting frogs, especially the Malabar gliding frog. With the help of the forest department, I reached the moist deci-

duous forest near Volpoi town, at about 6.30 p.m. The monsoon season had already started and there was a good rain. I knew the habitat of the frogs and there was no difficulty in

TABLE 1

MEASUREMENTS OF FOURTEEN ADULT MALES AND ONE ADULT FEMALE (IN PARENTHESIS) OF *Rhacophorus malabaricus*

Measurements	Range	Mean	Sd±	Ratio to body length %
Body length	58.0-67.0	62.43(78.5)	3.16	—
Head length	17.0-19.0	18.28(24.0)	0.72	29.28(30.57)
Head Width	18.0-21.0	19.14(28.5)	1.04	30.66(36.31)
Internasal space	4.5-5.5	5.04(6.5)	0.26	8.07(8.28)
Interorbital space	6.25-8.25	7.00(10.0)	0.60	11.21(12.73)
Width of Upper eyelid	4.5-6.5	5.38(7.0)	0.38	8.62(8.92)
Tympanum	4.0-5.0	4.16(5.5)	0.28	6.66(7.0)
Arm Length	31.0-41.5	36.21(47.0)	3.43	58.00(59.87)
Diameter of lower arm	4.0-6.75	5.41(8.75)	0.84	8.67(11.15)
Hand length	18.0-21.0	19.0(25.5)	0.83	30.43(32.48)
Leg length	84.5-105.0	98.43(137.0)	5.86	157.66(174.52)
Tibia length	27.5-34.0	31.68(43.0)	1.96	50.74(54.77)
Length of foot and tarsus	38.5-46.5	44.11(63.0)	2.09	70.66(80.25)
Foot length	27.5-32.0	30.36(40.5)	1.68	48.63(51.59)
Inner metatarsal	2.75-4.5	3.16(7.0)	0.43	5.06(8.92)
Width of toe pad	3.0-4.5	3.52(7.5)	0.40	5.64(9.55)

* All measurements in millimetres.

locating them. More than fifty males were seen calling, while sitting on bamboo shoots. One pair was seen in amplexus. The male, which was smaller in size, held the larger female, at her armpits. They did not produce any foam nest.

The measurements of fourteen adult males and the single adult female collected are given in Table 1. The maximum size of the male was 67 mm snout-vent length (SV). The female

was 78.5 mm SV. Ayyangar (1915) recorded a SV length of $2\frac{1}{2}$ inches (82.5 mm) of a single, unsexed, preserved specimen collected from Malnad forest region, some twenty miles from Gersoppa Falls in Karnataka. Inger *et al.* (1984) who made a collection of this frog from Ponmudi hills measured eight adult males 61.9-73.5 mm SV, mean 68.8 and one adult female 95.8 mm. It seems that the size differs according to locality.

BOMBAY NATURAL HISTORY SOCIETY,
HORNBILL HOUSE, S. B. SINGH ROAD
BOMBAY - 400 023,
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A. G. SEKAR

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